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Washington University RECORD



WASHINGTON
UNIVERSITY
IN ST. LOUIS

Vol. 9 No. 24/March 22, 1984



Braces for adults are surprisingly inconspicuous and often can be hidden behind the teeth.

Brace yourself!

More adults opt for straighter teeth

Time was, braces were an exclusively adolescent enterprise, like acne and the prom. But in the last 10 years, the number of orthodontic patients over the age of 20 has mushroomed. The American Association of Orthodontists estimates there were 300,000 adult orthodontic patients in America in 1970. Today there are close to a million.

Who are these new men and women of steel? And what has brought about this remarkable trend?

According to Leo Shanley, of the WU School of Dental Medicine, one major reason for this steady surge of adult patients is the public's perception of orthodontics. "Patients used to feel that once they were past the age of 18 or 20, it was too late to have their teeth straightened," says Shanley, acting director of orthodontics. "Well, that's never really been true. But people are just now beginning to realize how much orthodontics can help them, even as adults."

While orthodontists generally stress health over aesthetics, no one denies that cosmetic appeal is a strong motivation for orthodontic treatment. "An amazing number of

adults simply will not smile because they are ashamed of their crooked teeth," says Shanley. "Many will talk only with their hand over their mouth. Their whole self-image can change after braces. That's one of the most gratifying parts of this job. You can see the effect you have on people, not just physically, but also in their confidence. You can change a whole life."

Adult patients frequently are surprised at how inconspicuous their braces are. In fact, the appearance of the braces has changed dramatically in recent years. Gone are the wide metal bands that gave rise to nicknames like "railroad tracks" and "metal mouth." Thanks to an adhesive developed for the space program, essential brackets may now be bonded directly to the teeth. A thin wire, formerly held in place by unsightly metal bands, now spans the dental arch through subtle specks of silver. The wire exerts pressure on teeth to bring them into alignment.

Other advances in the field also have attracted adults to the idea of straighter teeth. Hidden, or "lingual,"

Continued on p. 2

Bob Hope to address graduating students

Comedian Bob Hope will deliver the Commencement address at WU's 123rd graduation ceremony Friday, May 18, in Brookings quadrangle.

Seating will be limited to faculty, family and guests of graduating students.

Approximately 2,100 degrees will be conferred at the ceremony which begins at 8:30 a.m. with the traditional academic procession to the quadrangle. In case of rain, the event will be held at 10 a.m. in the Arena, 5700 Oakland.

Hope is the recipient of 46 honorary doctoral degrees, one of which was awarded by St. Louis University in 1979. His most recent degree is being awarded by Columbia University (New York) this month.

According to Chancellor William H. Danforth, "We are extremely pleased that Mr. Hope could join us. It took two years; he was the first choice of the 1983 senior committee for Commencement speaker, but was unavailable due to a prior commitment. The selection of Mr. Hope for the 1984 Commencement has been enthusiastically endorsed by this year's senior committee."

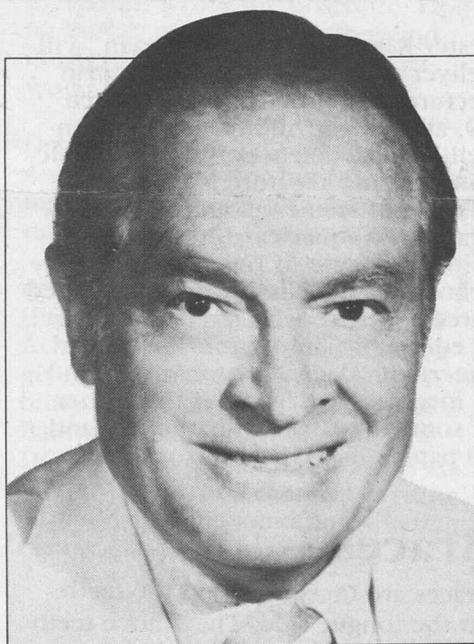
Hope has performed in hundreds of top-rated television specials. He has starred in over 50 motion pictures with Bing Crosby, Betty Grable, Dorothy Lamour and Lucille Ball, among other performers. He has been featured on more than 1,000 radio shows and has performed in vaudeville and Broadway theatre. Hope has been named "King of Comedy," "Chairman of American Humor" and "Mr. Entertainment."

Born Leslie Townes Hope on May 29, 1903, in Eltham, England, Hope emigrated with his family to

Cleveland, Ohio, when he was four. He worked as a dance instructor, clerk, amateur boxer and newspaper reporter before pursuing a career in show business.

Hope has written eight books and has received more than 1,000 awards and citations for his humanitarian efforts. He was presented a Congressional Gold Medal, the nation's highest award, by President John F. Kennedy who called him "America's most prized ambassador of good will throughout the world."

Beginning in 1941, Hope has entertained servicemen at bases and hospitals worldwide. In 1948, he began touring with Christmas shows that became a tradition lasting 22 years. He continues to entertain U.S. military personnel stationed abroad and performs an average of two benefits annually.



Bob Hope

Lecturers review European Jews' plight, pogroms

Three lectures on European Jews in the 1930s will be held March 26, April 2 and April 9. The program, sponsored by the Committee on Holocaust Studies at WU, is titled "In the Valley of the Shadow."

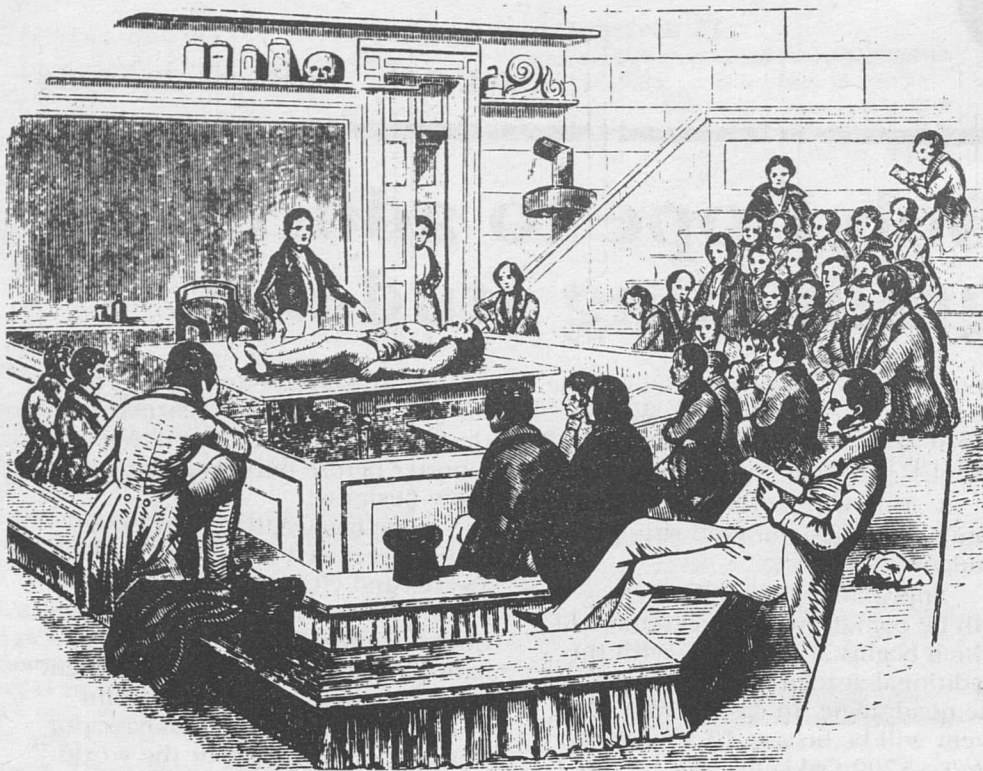
The lectures, which are free and open to the public, will be held at 4 p.m. in the Ann Whitney Olin Women's Building Lounge.

Christopher Browning, an associate professor of history at Pacific Lutheran University, will speak on "Hitler and the Final Solution" on March 26. Browning will be a fellow at the Institute for Advanced Studies of the Hebrew University of Jerusalem in 1984-85. He has authored many essays and articles on the Holocaust, and has been recently named editor and primary author of *The Final Solution*, a 500-700 page book

on Nazi Jewish Policy as part of Yad Vashem's projected 24-volume comprehensive history of the Holocaust. He also will take part in the May 1984 international conference on "The Murder of the European Jews in the Second World War: Decision-Making Process and Implementation" in Stuttgart, West Germany.

On April 2, Donald L. Niewy, a professor of history at Southern Methodist University, will speak on "Strategies of Jewish Self-Defense in Germany, 1930-1940." David Weinberg, an associate professor of history at Bowling Green State University, will speak on "The Jews of Paris in the 1930s" on April 9.

For more information, call Burton M. Wheeler, chairman of the Committee on Holocaust Studies, at 889-5115.



The history of medical education and practices from Colonial times to the 20th century will be explored by medical historian Lester King at the Estelle Brodman Lecture on March 29.

Historian to trace roots of medical education

Lester King, a medical historian, will deliver the Fourth Estelle Brodman Lecture at 4 p.m. Thursday, March 29, at Erlanger Auditorium, McDonnell Medical Sciences Bldg., 4565 McKinley. King's lecture is titled "Levels of Medical Education and Practice in America, 1760-1915."

A graduate of Harvard University School of Medicine, King has pursued careers in his speciality of pathology, in editorship on the *Journal of the American Medical Association*, and in medical history. He is the author of some 60 papers in pathology and 40 papers in medical history. His

books include *The Medical World of the Eighteenth Century* (1958); *The Growth of Medical Thought* (1963); *The Road to Medical Enlightenment* (1970); *The Philosophy of Medicine* (1978); and *Medical Thinking: a Historical Preface* (1982).

An internationally known author and speaker, King was the recipient of the Boerhaave Medal and was president of the American Association for the History of Medicine.

Estelle Brodman was director of the medical school's library from 1961 to 1981.

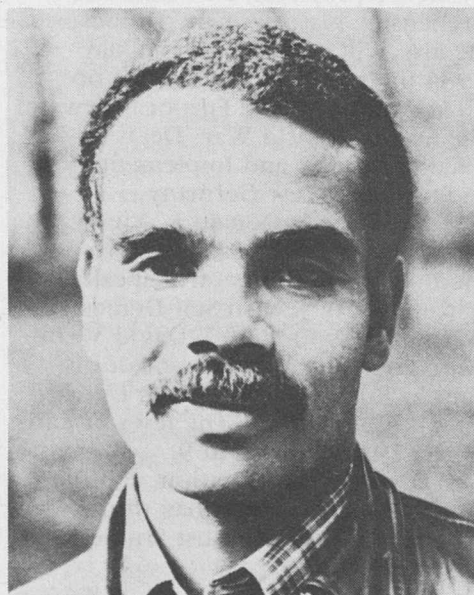
orthodontists recommend lingual braces only for patients — like professional models — who could not tolerate the tinsel-teeth look.

In some unusual cases — about five percent — the orthodontist may recommend orthonathic surgery. This marriage of the orthodontist and the oral surgeon has brought about a mini-revolution in the teeth-moving business. "Because of advances in this field, we can do things today that we couldn't even dream of just a few years ago," says Shanley.

Other contributing factors to the adult orthodontics trend include the rising popularity of insurance coverage and a multi-million dollar advertising campaign sponsored by the AAO.

Of course, as more and more adults proudly wear their braces, fear of social rejection will evaporate. Already, grown men and women can be seen yawning wide at cocktail parties in hopes that someone will notice their new badge of courage. With the baby boom bottoming out and dental schools graduating more orthodontists, concentration on adult patients is bound to increase. The new affordability and acceptability of adult orthodontics is bringing a bright, straight smile to the face of America.

Paul Dusseault



Kenneth A. McClane Jr., associate professor of English at Cornell University, will read from his works at 7 p.m. Tuesday, March 27, in the Ann Whitney Olin Women's Building Lounge. McClane has published six books of poetry and is an advisory editor of *Epoch*, a magazine of contemporary literature.

Catalona heads urology division

William J. Catalona has been appointed chief of the Division of Urology in the Department of Surgery at WU's School of Medicine.

Announcement of the appointment was made by Samuel A. Wells, head of the Department of Surgery. Catalona will serve as urologist-in-chief at Barnes, Children's and Jewish hospitals. He also holds appointments at John Cochran Veterans Administration Hospital and St. Louis County Hospital.

Catalona joined WU's School

of Medicine faculty in 1976 as an associate professor in urology, and was named professor in 1982. A specialist in cancer diagnosis and treatment, Catalona has researched the relationship between tumor growth and the body's natural defense mechanisms. He has written extensively on the management of bladder and prostate cancer through chemotherapy and surgery. Recently he has evaluated the promise of interferon as an anti-cancer drug.

King Symposium features Dellums, candlelight vigil

U.S. Rep. Ronald V. Dellums of California will be the keynote speaker during the 14th annual Martin Luther King Jr. Symposium, March 28-April 4. The theme of the symposium, which is held in memory of King's assassination April 4, 1968, is "Rededicating Ourselves to His Ideas."

Dellums' talk, titled "Forward Together — The Challenge of Oneness," will be at 11 a.m. Friday, March 30, in Graham Chapel. An informal discussion with Dellums will be held from 2 to 4 p.m. that day in the Ann Whitney Olin Women's Building Lounge. All symposium events are free and open to the public.

A voter registration drive will be held weekdays during the symposium from 10 a.m. to 2 p.m. in the concourse, Mallinckrodt. The St. Louis League of Women Voters will hold a voter education workshop and mock caucus from 7 to 9 p.m. Thursday, March 29, in Lambert Lounge, Mallinckrodt.

The Katherine Dunham Dance Company will perform during a "Creative Arts Potpourri" at 6 p.m. Sunday, April 1, in Holmes Lounge.

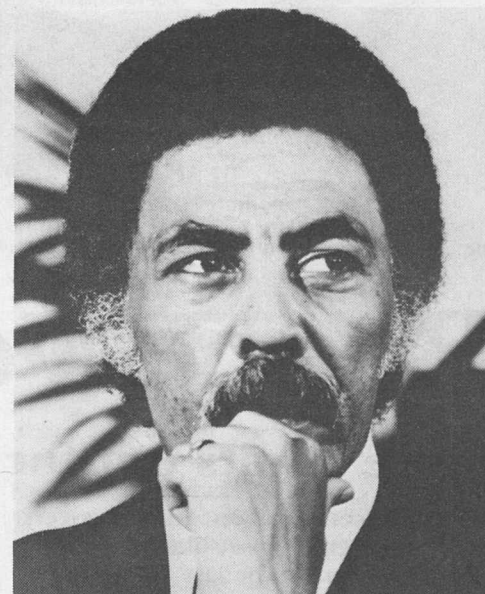
Highlights of the St. Louis Kwanaa, a celebration of Africa's harvest

held the last week of December, will be shown on video at 7 p.m. Tuesday, April 3, in the Association of Black Students' Lounge in the Women's Building.

A commemorative candlelight vigil/procession on the 16th anniversary of King's assassination will begin at 6:30 p.m. April 4 in Wohl Center and end at Bowles Plaza. Garnet Hennings, pastor of St. Paul A.M.E. Church, will speak on King after the procession to Bowles Plaza.

Dellums represents California's 8th Congressional District, which includes parts of Alameda and Costa counties. He chairs the House Committee on the District of Columbia and the D.C. Sub-Committee on Fiscal Affairs and Health.

The symposium events are sponsored by the Association of Black Students, Black Studies Program, Student Education Service, Student Union and Assembly Series.



Ronald V. Dellums

RECORD

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Children's dental examinations free

Free clinical dental examinations for children ages two to 12 years are being provided through April 30 by the WU School of Dental Medicine in cooperation with the Greater St. Louis Dental Society.

The School of Dental Medicine is located at 4559 Scott Ave.

Any child in the Greater Metropolitan St. Louis Area is eligible. For appointments and further information, call the Department of Children's Dentistry at 454-0313 between 9 a.m. and 4 p.m. Monday through Friday.

NOTABLES

Garland E. Allen, professor of biology, will address the Department of Genetics at the University of Pittsburgh Medical School later this month. His presentation is titled "Genetics, Eugenics and the Founding of the Eugenics Record Office, Cold Spring Harbor, 1910-1940." Allen will give a similar address at a Wichita State University biology seminar in April.

Robert J. Benson, associate vice chancellor, and **Harriet K. Switzer**, secretary to the Board of Trustees, were guest lecturers at Maryville College as part of Maryville's spring lecture series, titled "After 1984: Megatrends." Benson's lecture on Feb. 8 was titled "From an Industrial to an Information Society." Switzer spoke on Feb. 22 on "Megatrends: A Challenge to the Human Spirit."

Daniel N. Bloom and **Scott D. Cooper**, both third-year law students, will represent WU at the National Mock Trial Competition in Houston, Texas, this spring. The team competed in the North Midwest Regionals in February and is one of two teams selected to compete at the national level. This marks the fourth consecutive year that WU's School of Law has qualified a team for the national championship. A team from the law school won the national championship in 1983.

William H. Butterfield, associate professor in the School of Social Work, served as guest editor of the Winter 1983 issue of *Practice Digest*, a quarterly publication of the National Association of Social Workers (NASW). The winter issue was devoted to computers for social work practitioners. Butterfield recently was nominated for the presidency of the Missouri Chapter of NASW. Elections will be held in May.

David Felix, professor of economics, recently lectured at the National University of Mexico in Mexico City. On March 5, he spoke on "A Critical Appraisal of the New Classical Macroeconomics." He also spoke on "Financial Blowups and Authoritarian Regimes in Latin America" on March 7 at the Colegio Nacional de Economistas in Mexico City.

Suzanne Grace, part-time lecturer in dance, has been invited by the Lexington Ballet to teach modern dance during the company's four-week summer workshop in Kentucky. She also will choreograph a new work for selected dance students.

Jules B. Gerard, professor of law, was one of three commentators to speak on "The Insanity Defense: New Developments and the Abolitionist Drive" on Feb. 24 at a conference on mental health law at the University of Miami's School of Law. On Feb. 25, Gerard presented a paper on the "Use of the Medical Model in the 1980s" at the conference, and was one of two commentators to speak on "The Future of Advocacy in the 1980s" later that day.

William Kirby, assistant professor of history, presented a paper on "Chiang Kai-shek and the New Life Movement" at the spring 1984 meeting of the Midwest Regional Seminar on China, held on March 3 to honor the visit of Li Zongyi, director of the

Republican History Project, Institute of Modern History, Chinese Academy of Social Sciences, Beijing.

James McGarrell, professor of art, was a panelist at the annual meeting of the College Art Association of America in February in Toronto, Canada. He also is the subject of a feature article, titled "The Recent Paintings of James McGarrell," in the March issue of *Arts Magazine*. The article was written by Edward Bryant of the University of New Mexico.

Alphonse Peterson, associate professor of oral diagnosis and radiology at the School of Dental Medicine, recently presented a table clinic on "Electrosurgery for Foreign-Body Damage to Oral Tissues." Peterson spoke at the 119th Chicago Dental Society Midwinter Meeting.

Peter H. Raven, professor of biology and director of the Missouri Botanical Gardens, delivered the Seventh Annual Thomas S. Hall Lecture on March 13 in Graham Chapel. Raven's lecture was titled "U.S./Third World Flash Point: Tropical Deforestation." The Hall lecture is named in honor of the WU professor emeritus of biology and history of science and former university dean, Thomas S. Hall. Raven has spoken widely on deforestation in the tropics and its impact on the welfare of the countries involved. Widespread deforestation, said Raven, leads to social disruption, massive emigration and a lessening of meaningful participation in the world's economy.

Eli Robins, Wallace Renard Professor of Psychiatry at the School of Medicine, was elected to honor membership of the St. Louis Metropolitan Medical Society. Honor membership entitles Robins to all privileges of active membership without payment of dues.

Martha Storandt, professor of psychology, has been appointed to a three-year term on the National Advisory Council on Aging of the National Institutes of Health.

Virginia V. Weldon, deputy vice chancellor for medical affairs at the WU School of Medicine, received the Smith College Medal on Feb. 22 from Smith College, the largest private liberal arts college for women in the country. Weldon, a 1957 cum laude graduate of Smith College, received the award because she exemplifies "the true purpose of liberal arts education." Weldon also is professor of pediatrics at the medical school, vice president of the WU Medical Center, and a staff physician at Barnes and Children's hospitals.

Gerhild Scholz-Williams, associate professor of German, has been invited to present a lecture at the Chicago Renaissance Conference, March 29-31. The theme of the conference is "Harvest of the Middle Ages: Chivalry in Late Medieval and Renaissance Literature and Arts." Williams will speak on "Comic and Satiric Aspects in Some Late Medieval Texts." The conference is sponsored by The Newberry Library, The Renaissance Seminar of the University of Chicago, and the Renaissance Society of America.



Winter warm-ups. What better way to spend a sunny afternoon in February than to stretch and bend a winter-weary body? A group of hardy exercisers met everyday at noon in Bowles Plaza during Health Week, Feb. 15-18. Others found these energetic meetings far more interesting to watch than to join.

Engineering publications win awards

Publications of the School of Engineering and Applied Science took top honors this year in the annual technical art and writing competition held by the St. Louis chapter of the Society for Technical Communication.

Both an Award of Excellence and a Best of Show Award went to the technology and human affairs department's booklet, "Graduate Study Opportunities." The booklet was written by William P. Darby, associate professor and acting chairman of the department, and was designed and illustrated by Suzanne Scates, of the engineering school's publications and illustration group. The booklet now advances to competition at the 31st International Technical Communications Conference, to be held this April in Seattle.

The general information brochure of the Biomedical Engineering Program garnered an Award

of Achievement in the St. Louis contest. Harold W. Shipton, professor of biomedical engineering and chairman of the program, and his secretary, Rita Sand, wrote the brochure. Donna Burke, of the publications and illustration group, created its artwork.

Another member of the group, Deborah Moellering, received two Awards of Merit for her line renderings of machines used to study tumors and heart functions in mice.

In the category reserved for student writing, Michael S. Radovan (BSChE '85) received an Award of Achievement — the highest award given in this category — for his feasibility report on "The Addition of a Bailing Machine to Assembly Line D64." Radovan's report was his semester paper for Technical Writing 310, a technology and human affairs course.

Krebs Accounting Club installed

The Krebs Accounting Club of WU recently was installed as the first student chapter affiliate of the St. Louis chapter of the National Association of Accountants (NAA).

The installation took place on Feb. 21 at the St. Louis chapter's regular monthly meeting. John Moore, national director of the NAA's Midwest region, presided over the installation, and presented Lisa M. Marcus, student president of the Krebs Accounting Club and a senior in the business school, with the student affiliate plaque.

Adult Fitness Program offered

The Department of Athletics is sponsoring an Adult Fitness Program from March 27 to June 2. The program will be offered on Mondays, Wednesdays and Fridays from 7 to 8 a.m.

Under the direction of Richard Larsen, an instructor and coach in the department, participants will perform carefully graded exercises, along with progressive jogging, to

The Krebs Accounting Club faculty advisor is Arthur E. Carlson, professor of accounting.

The NAA is the largest accounting organization in the world, and the St. Louis chapter is the second largest in the world. Plans are underway to develop a nationwide association of student chapter affiliates.

Other student officers of the Krebs Accounting Club are: William J. Alverson, a senior majoring in business, vice president; Nina L. Platt, a senior majoring in business, vice president; Jeffrey S. Stone, a senior majoring in business, secretary; and Carol M. Thomas, a senior majoring in business, treasurer.

promote cardiovascular endurance, muscle tone and flexibility.

The fee for the program is \$40. An optional pre-and post-fitness evaluation is available for \$20. For information, contact Larsen at 889-5220.

CALENDAR

March 22-31

Thursday, March 22

1 p.m. Personal Computing Education Center Short Course. "Introduction to Computing Facilities." Free to WU community. Call 889-5813.

Friday, March 23

7:30 p.m. Inter-Varsity Christian Fellowship Meeting. "Life as a 25-year-old Missionary." Barb Keller, missionary to Papua, New Guinea. Green Stuffs Line, Wohl Center.

8 p.m. The Gargoyle Committee presents "Still and Max." a comedy ventriloquist act. The Gargoyle, Mallinckrodt Center.

Sunday, March 25

5:45 p.m. Newman Center Monthly Sunday Supper. Cost is \$2 a person. 6352 Forsyth Blvd. Call 725-3358.

6 p.m. Interdenominational Vesper Service with Paul MacVittie, dir., WU Protestant Center. Graham Chapel.

Wednesday, March 28

1:30 p.m. University College Short Course. "Gibbon's Problem: The Decline and Fall of the Roman Empire." George M. Pepe, WU prof. of classics. (Weds., March 28-April 18, same time.) Cost is \$50. Call 889-6778.

8 p.m. The Gargoyle Committee presents Dave Rudolf, comedian and singer. The Gargoyle, Mallinckrodt Center.

Friday, March 30

Newman Center Retreat at Ursuline Center, Festus, Mo. (Through April 1) Jesuit Father Bob Gerlich, director. Cost is \$20, scholarships available to those unable to pay. Call Sister Margaret at 725-3358.

5:45 p.m. Hillel Foundation Services and Dinner. "Jewish-Christian Dialogue: Who or What is God?" Hillel House, 6300 Forsyth Blvd. The cost is \$3.50 for members; \$4.50 for non-members. Deadline for dinner reservations is Thurs., March 29. Call 726-6177.

Sunday, April 1

3 p.m. Hillel Foundation Services, Lecture and Dinner. "Jewish-Christian Dialogue: Faith and Law and The Gospels." Newman Center, 6352 Forsyth Blvd. Services at 3 p.m.; lecture, 4 p.m.; and dinner, 5 p.m. Dinner is \$3.50 for members; \$4.50 for non-members. Reservations deadline is Wed., March 28. Call 726-6177.

12:05 p.m. and 5:10 p.m. Two Masses Celebrated Monday through Friday During Lent at Newman Center, Medical Campus, 225 S. Euclid Ave.

LECTURES

Thursday, March 22

11 a.m. Council of the Students of Arts and Sciences Symposium. "Deindustrialization and Dualism: The Employment Crisis in America." Barry Bluestone, prof. of econ., Social Welfare Research Institute, Boston College. Graham Chapel.

1:30 p.m. CSAS Symposium Panel Discussion. "Unemployment and the Community." Bluestone; Laurence H. Meyer, WU prof. of econ.; and Jerry Tucker, dir., Region Five, United Auto Workers. Lambert Lounge, Mallinckrodt Center.

4 p.m. Public Affairs Thursday Lecture Series. "Central America: Reports and Realities." Richard J. Walter, WU prof. of history. C & D 200 Eliot.

4 p.m. Career Planning and Placement Service Panel Discussion. "International Careers." Robert C. Williams, dean, University College. (Also sponsored by the Student Alumni Relations Committee.) Lambert Lounge, Mallinckrodt Center.

4 p.m. Dept. of Physics Colloquium. "Gravitational Waves and X-ray Modulation from Accreting Neutron Stars." Robert V. Wagoner, Dept. of Physics, Stanford U. 204 Crow.

4 p.m. Dept. of Chemistry Seminar. "Solar Abundances of the Elements." Oliver K. Manuel, prof. of chemistry, U. of Mo.-Rolla. 311 McMillen Lab.

4 p.m. Neural Science Program Lecture. "Role of Subfornical Organ Efferent Projection in Drinking and Water Balance." Richard Miselis, assoc. prof. of animal biology, U. of Penn. Cori Aud., McDonnell Medical Sciences Bldg., 4565 McKinley.

4 p.m. Population Biology Lecture. "Molecular Evolutionary Genetics of Drosophila." Jeffrey Powell, Dept. of Biology, Yale U. 322 Rebstock.

Friday, March 23

11 a.m. CSAS Symposium Panel Discussion. "National Economic Policy in a Democratic Society." William R. Caspary, WU assoc. prof. of political science; Hyman Minsky, WU prof. of economics; and John Zipp Jr., WU asst. prof. of sociology. Brown Hall Lounge.

3 p.m. Department of Music Lecture Series with Joseph Schwantner, composer-in-residence, St. Louis Symphony. Blewett B-8.

Saturday, March 24

11 a.m. Saturday Seminar Roundtable Discussion. "1984: Orwell's and Ours." Moderator, Robert C. Williams, University College.

Sunday, March 25

12:30 p.m. Hillel Foundation Lecture. "Jewish-Christian Dialogue: To What End?" David Berger, prof. of history, Brooklyn College. Hillel House, 6300 Forsyth Blvd.

Monday, March 26

3 p.m. Center for Biotechnology Seminar. "Affinity Chromatography and Separation of Biological Products." Harvey W. Blanch, prof. of chemical engineering, U. of Calif.-Berkeley. 101 Lopata.

4 p.m. Dept. of Education Colloquium. "Search for a Paradigm: Education, Images of Human Nature and the Human Sciences." Louis Smith and Arthur Wirth, both WU profs. of education; Mimi Herman and Sunny Pervil, both WU graduate students in education; Lloyd Klinedinst, WU lecturer in education; and Carol Klass, WU alumna. 217 McMillan.

4 p.m. Dept. of Germanic Languages & Literatures Lecture. "Immer Tochter der Luft." Das gefährliche Leben der Effi Briest. Eine psychoanalytische Deutung." Joachim Dyck, prof. of literary theory, U. of Oldenburg, Germany. 320 Ridgley Hall.

4 p.m. Dept. of Biology Lecture. "Interaction of Sensory Modalities in the Optic Tectum of Rattlesnakes and Superior Colliculus of Mice." Peter Hartline, Eye Research Inst. of the Retina Foundation, Boston, Mass. 322 Rebstock.

4 p.m. In the Valley of the Shadow: European Jews in the 1930's Lecture Series. "Hitler and the Final Solution." Christopher Browning, assoc. prof. of history, Pacific Lutheran U. Women's Bldg. Lounge.

4 p.m. Dept. of Psychology Colloquium. "Behavioral Interventions for Disorders of Initiating and Maintaining Sleep." Patricia Lacks, WU assoc. prof. of psychology, and Amy Bertelson, WU senior clinical assoc. in psychology. 102 Eads.

8 p.m. School of Architecture Lecture. "Calvino's *Invisible Cities*." William Gass, WU David May Distinguished University Professor in Humanities, and prof. of philosophy, Steinberg Aud.

Tuesday, March 27

Noon. Psychiatry Neuroscience Lecture. "Plasticity of the Hypothalamic-Pituitary Luteinizing Hormone Axis." Denis Owens, WU Dept. of Psychiatry. Schwarz Aud., 1st fl., Maternity Hosp. Bldg.

Noon. Biomedical Engineering Program Seminar. "Can Tighter Regulations Prevent Retention Catheter Reactions?" Saul Boyarsky, WU prof. of genital urinary surgery and biomedical engineering. 305 Bryan.

4 p.m. Cell and Molecular Programs Lecture. "The Structural Basis of Fast Axonal Transport in the Squid Giant Axon." Thomas Reese, NINCDS, Wood Hole, Mass. Cori Aud., McDonnell Medical Sciences Bldg., 4565 McKinley.

7 p.m. Black Studies Program and Dept. of English Poetry Reading with Kenneth McClane Jr., assoc. prof. of English, Cornell U. Women's Bldg. Lounge.

8 p.m. Dept. of Art and Archaeology Lecture. "Return of Ithaka." Sarantis Symeonoglou, WU assoc. prof. of art and archaeology. Steinberg Aud.

8 p.m. Comparative Literature Lecture. "The Speaking Subject in Lyric Poetry: Sappho, Archilochus and Yeats." Nancy Rubin, prof. of classics and literary theory, U. of Ga. Hurst Lounge, Duncker Hall.

Wednesday, March 28

Noon. Neural Sciences Lecture. "Schwann Cell Proliferation Induced by Cell-Surface Contact with Neurons." Nancy Ratner, WU Dept. of Anatomy/Neurobiology. 472 McDonnell Medical Sciences Bldg., 4565 McKinley.

4 p.m. Dept. of Physics Colloquium. "The Dynamical Evolution of Globular Clusters Near Collapse." Alan Lightman, Center for Astrophysics, Harvard U. 204 Crow.

4 p.m. Project 1984 Lecture. "1984: Looking Ahead." Eugene McCarthy, former U.S. senator. Sponsored by 1984 Committee, Student Union. Speakers Programming Board and Assembly Series. Graham Chapel.

Thursday, March 29

4 p.m. Dept. of Philosophy Colloquium. "Miracle Arguments for Scientific Realism: Appeals to Research Design." Alison Wylie, WU Mellon Fellow, Dept. of Philosophy. Women's Bldg. Lounge.

4 p.m. Population Biology Lecture. "Evolutionary and Genetic Studies of Genome Size in the Microseridinae (Asteraceae)." H. James Price, Dept. of Soil and Crop Science, Texas A & M U. 322 Rebstock.

4 p.m. Dept. of Chemistry Seminar. "Structure/Function and Kinetics of Hemoglobin as Probed by Magnetism of the Heme Iron, John S. Philo, prof. of biochemistry/biophysics, U. of Conn. 311 McMillen Lab.

4 p.m. Public Affairs Thursday Lecture Series. "The ERA, the Gender Gap and the Courtship of Women's Issues." Evelyn Fink, WU visiting research assoc. in political science. C & D 200 Eliot.

4 p.m. Surviving International Trade Competition Symposium. Sponsored by AIESEC-St. Louis and the WU International Affairs Program. General admission is \$5; students free. 101 Lopata. Call David S. Parker, 889-4600.

4 p.m. Molecular Biology Lecture. "In Vitro Initiation of Transcription by RNA Polymerase II." Roberto Weinman, Wister Inst., Philadelphia, Pa. Cori Aud., McDonnell Medical Sciences Bldg., 4565 McKinley.

7 p.m. Martin Luther King Jr., Symposium Voter Education Workshop-Mock Caucus. Lambert Lounge, Mallinckrodt Center.

8 p.m. Dept. of History Lecture. "Mariano Azuela and the Epic Novel." Carlos Fuentes, WU visiting prof. of literature and history. Steinberg Aud.

Friday, March 30

11 a.m. Martin Luther King Jr. Symposium/Assembly Series Lecture. "Forward Together — The Challenge of Oneness." with U.S. Rep. Ronald V. Dellums. Graham Chapel.

1 p.m. Seventh St. Louis Symposium on German Literature. "Goethe's Narrative Works." Holiday Inn, Clayton Plaza. 7730 Bonhomme, Clayton. (Also Sat., March 31, and Sun., April 1, Holiday Inn.) Call 889-5106.

4 p.m. Immunology Research Seminar. "Idiotypic Recognition of Ia." Ted Hansen, WU assoc. prof. of genetics. Microbiology Lib., 509 McDonnell Medical Sciences Bldg., 4565 McKinley.

Saturday, March 31

9 a.m. Neural Sciences Seminar Series. "Reinnervation of Muscle." Josh Sanes, WU Dept. of Physiology. 928 McDonnell Medical Sciences Bldg., 4565 McKinley.

PERFORMANCES

Thursday, March 22

8 p.m. WU Performing Arts Area presents "Flowers for the Dead," a theatrical tribute to the memory of Tennessee Williams. Edison Theatre. (Also March 23, 24 and 25, same time, Edison.) General admission is \$4; WU faculty, staff, students and area students, \$3. Call Edison Theatre box office at 889-6543.

MUSIC

Friday, March 23

8 p.m. WU Madrigal Singers Concert with Orland Johnson, director. Graham Chapel.

Sunday, March 25

3 p.m. Undergraduate Piano Recital with Mark Bernhardt. Graham Chapel.

8 p.m. WU percussion Ensemble Concert with Rich O'Donnell, dir. Tietjens Rehearsal Hall.

EXHIBITIONS

"The Beautiful, The Sublime and The Picturesque: British Influences on American Landscape Painting." Through April 8. Gallery of Art, upper gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends. For evening hours, call 889-5490.

"Life and Land in 19th-Century Europe." Through April 22. Gallery of Art, lower gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends.

"Cubists, Expressionists and Surrealists." Through April 22. Gallery of Art, lower gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends.

"Surimono," Japanese woodblock prints. Through April 22. Gallery of Art, print gallery. 10 a.m.-5 p.m. weekdays; 1-5 p.m. weekends.

"Harry Truman: The Man From Missouri." Through May 1. Olin Library, third level. Open regular library hours.

"Lithography and the 19th-Century Medical Book." Through May 11. Medical Library Annex. 615 S. Taylor. Open weekdays, 8:30 a.m.-5 p.m.

"Pots about Pots." Through March 30. Bixby Hall Gallery. 10 a.m.-4 p.m. weekdays; 1-5 p.m. weekends.

FILMS

Thursday, March 22

7 and 8:45 p.m. WU Filmboard Series. "Rashomon." \$2. Brown Hall Aud.

Friday, March 23

7 and 9:15 p.m. WU Filmboard Series. "My Dinner with Andre." \$2. Brown Hall Aud. (Also Sat., March 24, 7 and 9:15 p.m. and Sun., March 25, 7 p.m. Brown.)

11:30 p.m. WU Filmboard Series. "Deliverance." \$1.50. Brown Hall Aud. (Also Sat., March 24, 11:30 p.m. and Sun., March 25, 9:15 p.m. Brown.)

Monday, March 26

7 and 9 p.m. WU Filmboard Series. "On the Town." \$2. Brown Hall Aud. (Also Tues., March 27, same times, Brown.)

Tuesday, March 27

7 p.m. German Film Series. "Was ich bin, sind meine" and 8:45 p.m. "Fitzcarraldo." Free. English subtitles. Language Lab., 210 Ridgley.

7:30 p.m. Newman Center (Medical Campus) Film Series. "In Remembrance." Free. Newman Center, 225 S. Euclid Ave.

Wednesday, March 28

7 and 9 p.m. WU Filmboard Series. "Kind Hearts and Coronets." \$2. Brown Hall Aud. (Also Thurs., March 29, same times, Brown.)

Friday, March 30

7 and 9 p.m. WU Filmboard Series. "Snow White and the Seven Dwarfs." \$2. Brown Hall Aud. (Also Sat., March 31, 7 and 9 p.m., and Sun., April 1, 9 p.m. Brown.)

SPORTS

Friday, March 23

3:30 p.m. Baseball. WU vs. Missouri Baptist College. Baseball Field.

Saturday, March 24

10 a.m. Men's and Women's Track. WU Invitational Meet at Ladue High School.

Tuesday, March 27

2 p.m. Baseball. WU vs. Lincoln U. (Doubleheader) Baseball Field.

Wednesday, March 28

2 p.m. Baseball. WU vs. Maryville College. (Doubleheader) Baseball Field.

Thursday, March 29

3 p.m. Men's Tennis. WU vs. Elmhurst College. WU tennis courts.

Friday, March 30

1 p.m. Golf. WU vs. McKendree College. Forest Park.

3:30 p.m. Women's Tennis. WU vs. Maramec Junior College. WU tennis courts.

Saturday, March 31

1 p.m. Baseball. WU vs. Millikin U. (Doubleheader) Baseball Field.

Calendar Deadline

The deadline to submit items for the April 12-21 calendar of the *Washington University Record* is March 29. Items must be typed and state time, date, place, nature of event, sponsor and admission cost. Incomplete items will not be printed. If available, include speaker's name and identification and the title of the event; also include your name and telephone number. Address items to King McElroy, calendar editor, Box 1142.